

Amendments to the Claims:

Please amend Claims 28, 29, 32, 36, 37, 41, 42, 45, and 47 and add Claim 48 to read, as follows.

Claims 1 through 27. **(Canceled)**

28. **(Currently Amended)** An image forming apparatus comprising:

an image bearing member;

image forming means for forming a toner image and a toner path image for density detection on said image bearing member;

a transfer medium for transferring the toner image onto a transfer material; onto which a toner patch image for density detection is transferred;

transfer means supplied with a transfer bias for the toner patch image to transfer the toner patch image onto said transfer medium; and

density detecting means for detecting a density of the ~~[[a]]~~ toner patch image on said ~~[[the]]~~ transfer medium; and

wherein an image forming condition ~~control means for controlling an image forming condition~~ by said image forming means is controlled in accordance with an output of said density detecting means, and

wherein the ~~[[a]]~~ transfer bias for intensity, upon transfer of the toner patch image ~~onto the transfer medium;~~ is changeable in accordance with a density of the toner patch image.

29. **(Currently Amended)** An apparatus according to Claim 28, wherein the transfer bias for intensity ~~when the toner patch image having a maximum density image~~ formed on said image bearing member is transferred onto said ~~[[the]]~~ transfer medium is larger than a transfer bias for intensity ~~when the toner patch image~~ when the toner image having a halftone density image formed on said image bearing member is transferred onto said ~~[[the]]~~ transfer medium.

30. **(Previously Presented)** An apparatus according to Claim 28 or 29, wherein said image forming means includes exposure means for exposing a surface of said image bearing member, which has been electrically charged in accordance with image information with an exposure amount, which is changeable in accordance with the density of the toner patch image.

31. **(Previously Presented)** An apparatus according to Claim 30, wherein a surface potential of said image bearing member exposed by said exposure means is changeable in accordance with the density of the toner patch image.

32. **(Currently Amended)** An apparatus according to Claim 28 or 29, wherein the transfer bias for intensity ~~when the toner patch image is transferred~~ is changeable in accordance with a toner gradation level of the toner patch image.

Claims 33 through 35. **(Canceled)**

36. **(Currently Amended)** An apparatus according to Claim 28, further comprising ~~transfer means supplied with a voltage to transfer the toner patch image onto the transfer medium;~~ wherein a [[the]] transfer intensity corresponds to a level of the voltage.

37. **(Currently Amended)** An apparatus according to Claim 28, further comprising ambient condition detecting means for detecting an ambient condition, wherein the transfer bias for the toner patch image ~~intensity~~ is controlled in accordance with an output of said ambient condition detecting means.

38. **(Original)** An apparatus according to Claim 37, wherein said ambient condition detecting means detects temperature.

39. **(Original)** An apparatus according to Claim 37 or 38, wherein said ambient condition detecting means detects humidity.

40. **(Canceled)**

41. **(Currently Amended)** An apparatus according to Claim 28, further comprising ~~developing means for developing a latent image formed on said image bearing member;~~ wherein said image forming means includes developing means for developing a latent image formed on said image bearing member, ~~condition control means controls~~

wherein a voltage applied to said developing means is controlled in accordance with an output of said density detecting means.

42. **(Currently Amended)** An image forming apparatus comprising:
an image bearing member;
image forming means for forming a toner image and a toner patch image for density detection on said image bearing member;
a transfer medium for transferring the toner image onto a transfer material; onto which a toner patch image for density detection is transferred;
transfer means supplied with a transfer bias for the toner patch image to transfer the toner patch image onto said transfer medium;
density detecting means for detecting a density of the toner patch image on said transfer medium, image;
wherein an image forming condition by control means for controlling an image forming condition of said image forming means is controlled in accordance with an output of said density detecting means; and
ambient condition detecting means for detecting an ambient condition,
wherein the [[a]] transfer bias for intensity, upon transfer of the toner patch image onto the transfer medium is changeable in accordance with an output of said ambient condition detecting means.

43. **(Original)** An apparatus according to Claim 42, wherein said ambient condition detecting means detects temperature.

44. **(Original)** An apparatus according to Claim 42 or 43, wherein said ambient condition detecting means detects humidity.

45. **(Currently Amended)** An apparatus according to Claim 42, ~~further comprising transfer means supplied with a voltage to transfer the toner image~~, wherein a ~~[[the]]~~ transfer bias intensity corresponds to a voltage supplied to said transfer means.

46. **(Canceled)**

47. **(Currently Amended)** An apparatus according to Claim 42, ~~further comprising developing means for developing a latent image formed on said image bearing member~~, wherein said image forming means includes developing means for developing a latent image formed on said image bearing member, ~~condition control means controls~~ wherein a voltage applied to said developing means is controlled in accordance with an ~~a detection~~ output of said density detecting means.

--48. **(New)** An apparatus according to Claim 28 or 42, wherein said transfer medium carries the transfer material.--